

LINEA opal / asymmetric

wall

058-6172618AA



Project / Type

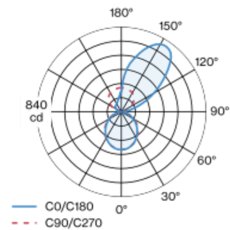
Notes

Count / Date



Light fitting and front cover made of extruded aluminium profile; angular design; no visible screws; surface black powder coated; suitable for wall mounting; homogeneous wall or ceiling illumination through uniform direct/indirect light distribution; direct light component: HPO (High Performance Opal) cover for uniform illumination; indirect light component: with specially computed, asymmetrical lens for homogeneous lighting intensity (installation optionally for floor or ceiling illumination); light colour 4000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 90 ; min. 85% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; degree of protection IP20; PC1; 220-240 V; incl. converter, non dimmable; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



General

Wall | Surface

black | RAL 9005 ¹

IP20

indirect 1160 lm | direct 972 lm

total 2132 lm

3520 lm/m

LED

4000 K

CRI ≥ 90

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R_g: 98 | R_f: 90 | R_{t(1-15)}: 88

MR 0.76 | MDER 0.69

Optical

High Performance Opal / Asymmetric | asymmetric

Electrical

non DIM

PC1 | 220-240 V

system 17.6 W

system 121 lm/W ²

29 W/m

Physical

length 610 mm | width 40 mm | height 100 mm

1.7 kg

¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



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Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.98	0.96	0.94	0.91	0.89
LSF	1	1	1	1	1

MF

LMF × RSMF × LLMF × LSF

MF

Maintenance Factor

LMF^a

Luminaire Maintenance Factor

RSMF^a

Room Surface Maintenance Factor

LLMF

Lamp Lumens Maintenance Factor

LSF

Lamp Survival Factor

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	75
B13	95
B16	120
B20	150
C10	75
C13	95
C16	120
C20	150

